SEQUENCE LISTING

<110> Human Genome Sciences, Inc. et al.

<120> Interleukin-20

<130> PF399

<140> PCT/US98/14609
<141> 1998-07-15

<150> 60/052,870
<151> 1997-07-16

<150> 60/060,140
<151> 1997-09-26

<160> 11

<170> PatentIn Ver. 2.0

<210> 1
<211> 705
<212> DNA
<213> Homo sapiens

<400> 1
tccaggcggg cagcagctgc aggctgacct tgcagcttgg cggaatggac tggcctcaca 60
acctgctgtt tcttcttacc atttccatct tcctggggct gggccagccc aggagcccca 120
aaagcaagag gaaggggcaa gggcggcctg ggcccctggc ccctggccct caccaggtgc 180
cactggacct ggtgtcacgg atgaaaccgt atgcccgcat ggaggagtat gagaggaaca 240
tcgaggagat ggtggcccag ctgaggaaca gctcagagct ggcccagaga aagtgtgagg 300
tcaacttgca gctgtggatg tccaacaaga ggagcctgtc tccctggggc tacagcatca 360
accacgaccc cagccgtatc cccgtggacc tgccggaggc acggtgcctg tgtctgggct 420
gtgtgaaccc cttcaccatg caggaggacc gcagcatggt gagcgtgccg gtgttcagcc 480
aggttcctgt gcgccgccgc ctctgcccgc caccgccccg cacagggcct tgccgccagc 540
gcgcagtcat ggagaccatc gctgtgggct gcacctgcat cttctgaatt acctggccca 600
gaagccaggc cagcagcccg agaccatcct ccttgcacct ttgtgccaag aaaggcctat 660
gaaaagtaaa cactgacttt tgaaagcaaa aaaaaaaaaa aaaaa 705

<210> 2
<211> 180
<212> PRT
<213> Homo sapiens

<400> 2
Met Asp Trp Pro His Asn Leu Leu Phe Leu Leu Thr Ile Ser Ile Phe
1 5 10 15

Leu Gly Leu Gly Gln Pro Arg Ser Pro Lys Ser Lys Arg Lys Gly Gln
20 25 30

Gly Arg Pro Gly Pro Leu Ala Pro Gly Pro His Gln Val Pro Leu Asp
35 40 45

Leu Val Ser Arg Met Lys Pro Tyr Ala Arg Met Glu Glu Tyr Glu Arg
50 55 60

Asn Ile Glu Glu Met Val Ala Gln Leu Arg Asn Ser Ser Glu Leu Ala
65 70 75 80

Gln Arg Lys Cys Glu Val Asn Leu Gln Leu Trp Met Ser Asn Lys Arg

```
                85                  90                  95

Ser Leu Ser Pro Trp Gly Tyr Ser Ile Asn His Asp Pro Ser Arg Ile
            100                 105                 110

Pro Val Asp Leu Pro Glu Ala Arg Cys Leu Cys Leu Gly Cys Val Asn
        115                 120                 125

Pro Phe Thr Met Gln Glu Asp Arg Ser Met Val Ser Val Pro Val Phe
    130                 135                 140

Ser Gln Val Pro Val Arg Arg Arg Leu Cys Pro Pro Pro Pro Arg Thr
145                 150                 155                 160

Gly Pro Cys Arg Gln Arg Ala Val Met Glu Thr Ile Ala Val Gly Cys
                165                 170                 175

Thr Cys Ile Phe
            180
```

<210> 3
<211> 155
<212> PRT
<213> Homo sapiens

<400> 3

```
Met Thr Pro Gly Lys Thr Ser Leu Val Ser Leu Leu Leu Leu Leu Ser
  1               5                  10                  15

Leu Glu Ala Ile Val Lys Ala Gly Ile Thr Ile Pro Arg Asn Pro Gly
             20                  25                  30

Cys Pro Asn Ser Glu Asp Lys Asn Phe Pro Arg Thr Val Met Val Asn
         35                  40                  45

Leu Asn Ile His Asn Arg Asn Thr Asn Thr Asn Pro Lys Arg Ser Ser
     50                  55                  60

Asp Tyr Tyr Asn Arg Ser Thr Ser Pro Trp Asn Leu His Arg Asn Glu
 65                  70                  75                  80

Asp Pro Glu Arg Tyr Pro Ser Val Ile Trp Glu Ala Lys Cys Arg His
                85                  90                  95

Leu Gly Cys Ile Asn Ala Asp Gly Asn Val Asp Tyr His Met Asn Ser
            100                 105                 110

Val Pro Ile Gln Gln Glu Ile Leu Val Leu Arg Arg Glu Pro Pro His
        115                 120                 125

Cys Pro Asn Ser Phe Arg Leu Glu Lys Ile Leu Val Ser Val Gly Cys
    130                 135                 140

Thr Cys Val Thr Pro Ile Val His His Val Ala
145                 150                 155
```

<210> 4
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (58)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (173)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (179)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (213)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (288)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (312)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (314)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (323)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (331)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (337)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (340)
<223> n equals a, t, g, or c

<220>

<221> misc_feature
<222> (348)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (363)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (365)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (369)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (375)..(376)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (386)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (391)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (393)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (395)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (398)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (403)..(405)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (407)
<223> n equals a, t, g, or c

<220>
<221> misc_feature

<222> (409)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (413)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (415)..(416)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (420)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (423)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (428)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (433)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (435)..(436)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (440)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (450)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (452)..(453)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (460)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (465)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (467)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (470)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (475)..(476)
<223> n equals a, t, g, or c

<220>
<221> misc_difference
<222> (490)
<223> n equals a, t, g, or c

<220>
<221> misc_feature
<222> (492)
<223> n equals a, t, g, or c

<400> 4
aattcggcac gantccaggc gggcagcagc tgcaggctga ccttgcagct tggcggantg 60
gactggcctc acaacctgct gtttcttctt accatttcca tcttcctggg gctgggccag 120
cccaggagcc ccaaaagcaa gaggaagggg caagggcggc ctgggcccct ggncctggnc 180
ctcaccaggt gccactggac ctggtgtcac ggntgaaacc gtatgcccgc atggaggagt 240
atgagaggaa catcgaggag atggtggccc agctgaggaa cagctcanag ctgggcccag 300
agaaagtttg angntcaact ttncaagctt ntgggtnttn caacaagnag gtagcctgtt 360
ttncntggng gttannagta tgaatncaag nancncangc gtnnntncng ttngnncttn 420
tcnggagnac gtntnncttn ttttttggn tnnttgaacn ctttnanatn gtagnnggac 480
ctagaattgn tnagggtg 498

<210> 5
<211> 42
<212> DNA
<213> Homo sapiens

<400> 5
gatcgcggat cccagcccag gagccccaaa agcaagagga ag 42

<210> 6
<211> 47
<212> DNA
<213> Homo sapiens

<400> 6
gatcgcggta cccaggttta tcagaagatg caggtgcagc ccacagc 47

<210> 7
<211> 53
<212> DNA
<213> Homo sapiens

<400> 7
gatcgcggat ccgccatcat ggactggcct cacaacctgc tgtttcttct tac 53

<210> 8
<211> 47
<212> DNA
<213> Homo sapiens

<400> 8
gatcgcggta cccaggttta tcagaagatg caggtgcagc ccacagc 47

<210> 9
<211> 53
<212> DNA
<213> Homo sapiens

<400> 9
gatcgcggta ccgccatcat ggactggcct cacaacctgc tgtttcttct tac 53

<210> 10
<211> 47
<212> DNA
<213> Homo sapiens

<400> 10
gatcgcggat cccaggttta tcagaagatg caggtgcagc ccacagc 47

<210> 11
<211> 126
<212> PRT
<213> Homo sapiens

<400> 11

Met	Asp	Trp	Pro	His	Asn	Leu	Leu	Phe	Leu	Leu	Thr	Ile	Ser	Ile	Phe
1				5				10					15		
Leu	Gly	Leu	Gly	Gln	Pro	Arg	Ser	Pro	Lys	Ser	Lys	Arg	Lys	Gly	Gln
			20					25				30			
Gly	Arg	Pro	Gly	Pro	Leu	Ala	Pro	Gly	Pro	His	Gln	Val	Pro	Leu	Asp
		35					40					45			
Leu	Val	Ser	Arg	Met	Lys	Pro	Tyr	Ala	Arg	Met	Glu	Glu	Tyr	Glu	Arg
	50					55					60				
Asn	Ile	Glu	Glu	Met	Val	Ala	Gln	Leu	Arg	Asn	Ser	Ser	Glu	Leu	Ala
65					70					75					80
Gln	Arg	Lys	Cys	Glu	Val	Asn	Leu	Gln	Leu	Trp	Met	Ser	Asn	Lys	Arg
				85					90					95	
Ser	Leu	Ser	Pro	Trp	Gly	Tyr	Ser	Ile	Asn	His	Asp	Pro	Ser	Arg	Ile
			100					105					110		
Pro	Val	Asp	Leu	Pro	Glu	His	Gly	Ala	Cys	Val	Trp	Ala	Val		
		115					120					125			